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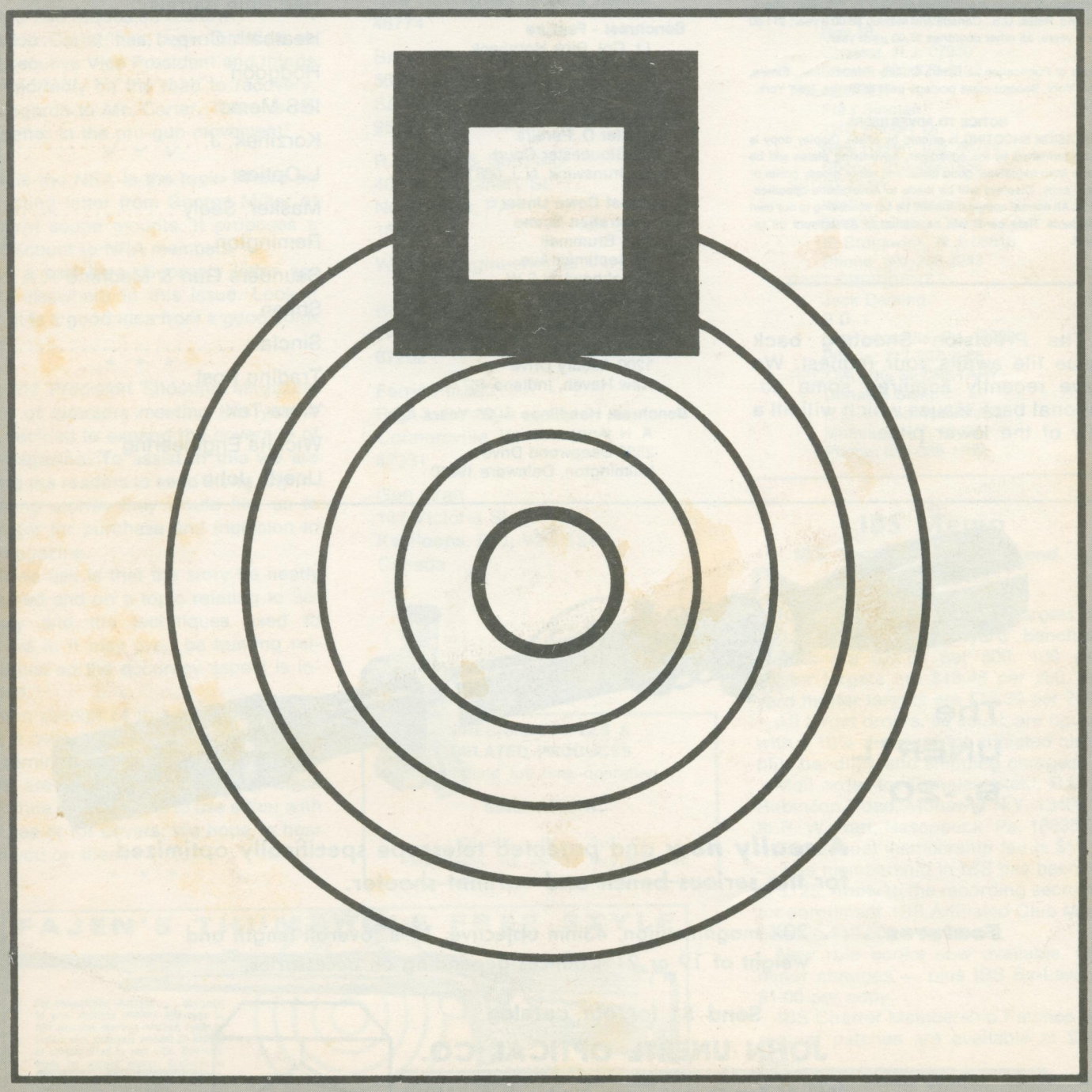
Fifty Cents

Precision SHOOTING

a magazine for shooters by shooters



PRECISION SHOOTING

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PRECISION SHOOTING is printed by offset. Display copy is to be furnished by the advertiser. Advertising plates will be made from negatives, good black and white glossy prints or clear copy. Displays will be made to Advertiser's specifications. All normal composition will be set according to our own standards. Rate cards will be mailed to Advertisers on request.

The Precision Shooting back issue file awaits your request. We have recently acquired some additional back issues which will fill a few of the lower piles.

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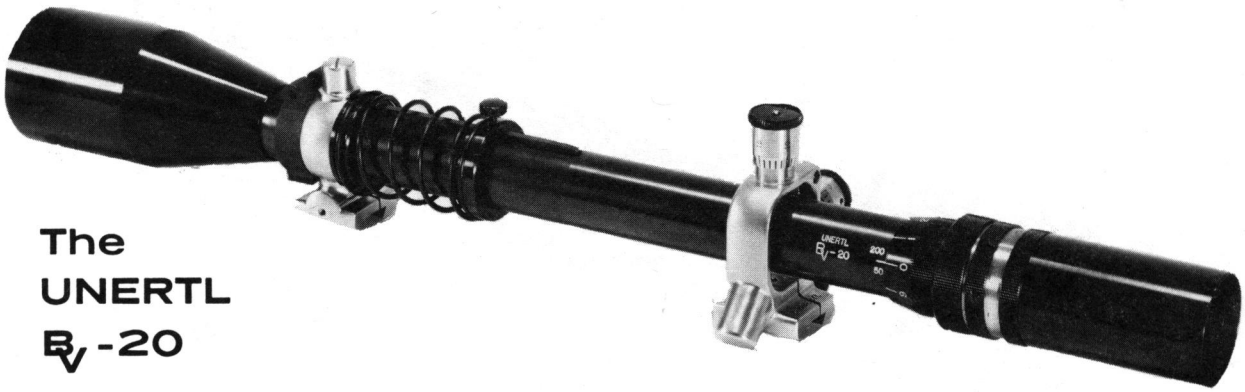

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"The Editor's Hour"

As this is being written the NRA show in Cincinnati, Ohio is over and the Super Shoot in Marshallville, Ohio is also history. When we get reports on either we will pass them along for you.

Rumor has it that the NRA meeting saw the organization turn back to the Shooting-oriented face which the membership had requested it show.

Harlon Carter has been installed as the Executive Vice President and things are reportedly on the road to recovery. Our regards to Mr. Carter. There is no one better in the pro-gun movement.

* * *

While the NRA is the topic I have an interesting letter from George Miller of Conetrol scope mounts. It proposes a 1% discount to NRA members.

Not a bad idea. George's letter appears elsewhere in this issue. Look it over. It is a good idea from a good company.

* * *

At the Precision Shooting Magazine board of directors meeting this year it was decided to expand the coverage of the magazine. To assist in this we are asking the readers to send along any interesting stories they would like us to consider for purchase and inclusion in the magazine.

All we ask is that the story be neatly prepared and on a topic relating to accuracy and the techniques used to achieve it. It may even be hunting related, just so the accuracy aspect is included.

Upon receipt of this material we will look it over and respond by return mail concerning rates and relevant material.

We are also looking for good black and white photographs to use either with features or for covers. We hope to hear from you on these.

* * *

Rumors reach our ears on occasion. The PPC has made a few lately. It would appear that several major manufacturers are looking at the PPC (22) for consideration in a chambering for hunting rifles.

Another grumble reports that a major case manufacturer will tool up as soon as a manufacturer is signed to make the rifles. Both could be good news for the followers of the PPC.

For a fact the following are PPC case distributors and have cases in stock.

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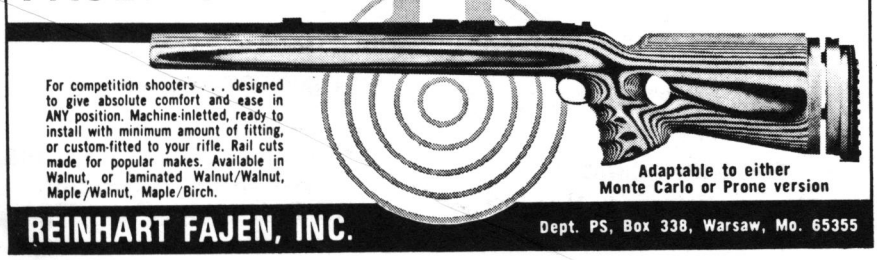

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IBS Memo

IBS Targets — Charter and Life Members

100 or 200 yard benchrest targets are $20.99 per 500. 300 yard benchrest targets are $22.08 per 500. 100 yard hunter targets are $13.48 per 250. 200 yard hunter targets are $15.39 per 250.

All target orders, as usual, are figured with a 10% discount for affiliated clubs, plus handling and shipping charges.

Mail order to: Donalee Stekl, R.D. 1, Robinson Road, Mohawk, N.Y. 13407 or to R. W. Hart, Nescopeck, Pa. 18635.

The annual membership fee is $10.00 — Life membership in IBS has been set at $125. Apply to the recording secretary for enrollment. IBS Affiliated Club Membership $10.00.

New rule books now available, with minor changes — plus IBS By-Laws at $1.00 per copy.

IBS Charter Membership Patches and regular patches are available at $2.00 each.

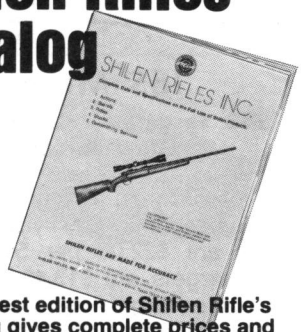
When ordering **Charter Membership patches,** please indicate your 1970 Card Number.

Benchrest Headlines — 25 Years Ago

by A. H. Angerman

- Bryan Gordon, Berryville, Va., fired a ten shot group at 200 yards that was range measured at 0.744" — smaller than the existing record of 0.758". However, due to a comedy of errors, gross confusion over the number of shots fired, loss of the backer, etc., Gordon's apparent new record was denied.
- A shooter from Omaha, Nebraska narrowly missed injury when one of his 22-250 cases ruptured. Gas and brass blew and flew. His cases were made from 30-06 brass and the mishap was diagnosed as being due to overly thick neck walls.
- Big winners at Tulsa were C. N. Jennings, W. A. Bannister, K. E. Adams, B. C. Wilkerson, B. M. Auston and E. C. Auernheimer.
- The Southwest Regional bench rest shoot sponsored by the Brea Rifle and Pistol Club, Brea, Cal. drew a record list of entries. Trophies and merchandise awards were plentiful. (I remember when almost every shoot had a table full of merchandise goodies).
- Eighteen members of the Grand Island, Neb. Trigger Tuggers Association gathered for their third annual bench rest bash. We noted that bullet maker Joyce Hornady managed a first place using a .220 Swift with 55 grain — you guessed it bullets.
- Faint rumblings in the distance were beginning to be heard regarding inequities in weather conditions throughout the country during the firing of National Championship matches. Shooters in the Great Plains, Rocky Mountain and southwestern states felt they were handicapped by more adverse weather conditions (wind) than Eastern shooters.
- Art Blensinger was a hot Rochester, N.Y. smallbore shooter. Art is now a hot Rochester bench rest shooter.
- The Black Hills Bench Rest Shooters Association Club at Custer, S.D. sponsored a registered match on May 31 and June 1, 1952. Newsmakers were H. T. Baldwin, C. C. Hankins, C. Teaney, Jack Williams, S. W. Fairlee and H. J. Shaw.
- J. W. Baldwin, Westboro, Mass. offered precision grade match 22 caliber bullets. I remember "Cap" pumping two big RCBS A-2 presses at one of the early Johnstown shoots.
- The ninth annual Puget Sound snipers accuracy championship brought twenty competitors to this "oldest" of bench rest matches. Top winners were J. D. Wilson, R. Lathrop, Rod Janson, C. Hollingsworth, Mary Wilson and W. Kiser. The report of this match mentioned calibers used as nine 22-250's, four .219 Don's., two .220 Swift's, two .250 Sav's., two .250-06's, one .250 Ace and **one** .222 Rem. This was a very early reference to the .222 as a bench rest caliber.

NEW 1976
Shilen Rifles Catalog



The latest edition of Shilen Rifle's catalog gives complete prices and specifications of the entire Shilen offering:

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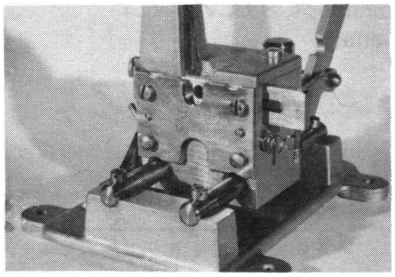

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PRESIDENT'S MESSAGE

Fellow Shooters

I wish to clarify a point on the International Championships which are going to be held on August the Fourth. With regard to the entry fees, they are as follows:

$10.00 per day registration

$ 5.00 per day when second rifle is used (Thursday and Friday)

$ 1.00 per day I.B.S. fee

The N.R.A. convention is now history. Once again I wish to thank those who so diligently worked for the three days of the convention: Carl and Jeanne Lynn, Jack and Judy Deming and Ross Weaver. Ross came to the convention to observe and ended up working in our booth. I was checking to see how the workers were doing. I observed Ross painstakingly explaining how to hold a rifle, sit at a bench, and look through a scope at a target in miniature. I was quite impressed with his consideration for the prospective bench shooter was a 10-12 year old child. I am enclosing a report from Carl Lynn on the convention. I feel this was a very worthwhile adventure and it was good for our game.

Good Shooting.

Wallace E. Hart

I am pleased to report, as chairman of the committee to operate the exhibitors booth at the convention of the National Rifle Association in Cincinnati that the committee considers the project to have been highly successful. The area of public relations was advanced a great deal in benchrest in general, and I.B.S in particular.

Members of the committee who worked in the booth during the convention were Jack and Judy Deming, Ross Weaver, Jeanne Lynn and myself. After overcoming the obstacle of housing the committee, there were no additional problems and the show proceeded smoothly.

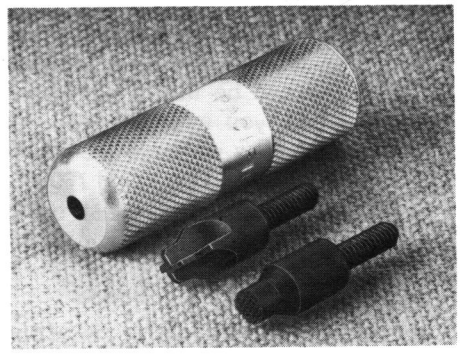
The three items on display attracting the most attention were an aluminum stocked rifle, an unlimited class rifle and a fiberglass stocked rifle. The latter was in rests and trained on a reduced target 44 inches away through special equipment so that visitors to the booth could gain a rough idea of how benchrest shooting was done. Other items were a hunter class rifle, sandbags, pedestals, dies, actions, barrels, targets and backers, a measuring device and a bullet making display. Back issues of P.S. were also given away.

We have been asked how many memberships were sold and how many visitors were at the booth. The first question is irrelavant. We were not at the convention to gain members but to enhance the public relations aspect of benchrest shooting in accordance with the program and fund started by I.B.S. in 1975. The answer to the second question is that we made no accurate count but a conservative estimate would be at least 5,000 people.

It is my earnest recommendation that this project be continued in the future whenever possible. The contact made with the shooting public is positive and demonstrative. There can be no better return than this on any public relations investment.

Sincerely,
Carl U. Lynn

PACIFIC ADDS PRIMER POCKET CLEANERS AND REAMERS

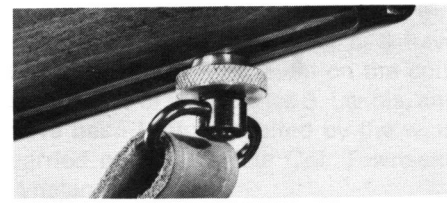


Pacific Tool Company is now adding small and large cup primer pocket cleaners and primer pocket reamers to its wide line of metallic reloading accessories. The new primer pocket cleaners and reamers are threaded for easy use with Pacific's universal accessory handle.

The primer pocket cleaners enable the reloader to remove stubborn dirt and powder residue from primer pockets, while the primer pocket reamers make GI brass reloadable by cutting away the crimp.

Pacific's new primer pocket cleaners and reamers, complete with universal accessory handle, retail for $4.00 and $4.50 respectively. The cleaners and reamers separately retail for $3.25 and $3.75 each. See these new accessories now at your Pacific dealer's.

For complete literature on Pacific tools and accessories, write Pacific Tool Company, Box 2048, Grand Island, Nebraska 68801.



NEW SLING SWIVELS FOR TARGET RIFLES

A new heavy-duty, quick detachable sling swivel that can be set and locked on the fore end rail of target rifles has been introduced by Michaels of Oregon, maker of "Uncle Mike's" brand shooting accessories.

The TS 101 swivel set features a unique pushbutton release that permits the swivel to be detached quickly even from a tight shooting position, then re-attached to the same position time after time.

The new swivel has 1 1/2" wide loops to fit standard-width target slings. Heavy duty loops made of 3/16" wire will withstand 250 lbs. pull.

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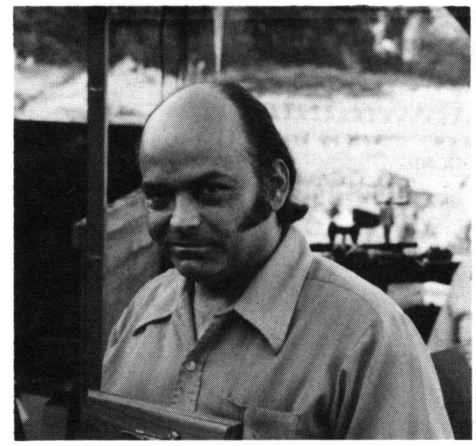
From The Workbench

by Fred Sinclair



Please direct all questions to:
Precision Shooting "Workbench," Box 6, Athens, Pa. 18810
No individual answers will be given to workbench questions.

On a recent varmint shooting trip I had fired a case that wouldn't extract.

It was the first round I fired and not having a cleaning rod along I was forced to return home to remove the case.

Is there an alternative to carrying a cleaning rod in the field?

A good shooting friend, Don Toomey from Minnesota, once showed me a simple gadget he made that would have solved your problem.

It seems that Don had a case stick in a bench rifle during a match and it caused him to drop from first place due to the time required to run for a cleaning rod.

His solution was to take a 3" length of drill rod, slightly smaller than bore diameter and polish it to remove all burrs and scratches.

When a case gets stuck just drop the rod into the bore and out comes the case.

Such an item would be easily carried in the pocket.

* * *

This year so far, I've seen more 6m/m heavy varmint rifles in use than ever before. Most of them being 6x47 or 6 P.P.C.

These rifles appear to be performing well in the matches I've been to. Are these rifles more accurate than the 222?

I expect to get mine in a sling with this answer, but here goes.

I feel, from my own personal match experience, that the heavier bullet may have an advantage over the 22 caliber. I suspect it may be partly due to the velocity retention of the larger bullet.

I think, too, that the increased popularity of the 6mm is due partly to the increased members of good custom bullet suppliers. It wasn't too long ago that Clarence Detsch was the only source of good 6mm bullets, now there are several throughout the country.

Also, the powder selection is much better. It used to be that if you didn't have RL No. 7 you might as well not shoot a 6x47. Now we have RL No. 7, 748, H-322 and 760. (Yes, I said 760).

However, I wouldn't suggest using that 222 barrel for a door prop, it certainly isn't obsolete.

* * *

In a recent "bull session" at one of our local matches the question of barrel crowning was discussed in a rather heated manner.

The term "11° crown" was brought up several times and, not being a gunsmith, I was unable to follow the discussion.

What is meant by a 11° crown?

Also, which is better to use — Remay type or cotton type patches?

Somewhere along the line some ballistics expert discovered that the gases exiting the barrel did so at a 11° angle.

Some gunsmiths "picked up" on this and will level the crown to this angle feeling that doing so will eliminate any turbulance caused by any angle other than the 11°.

I have used about every type of crown on my own equipment and can't honestly say I could tell one from another.

The important thing is that whatever crown you use it must be concentric with the bore.

I prefer to "break" the leading edge of the muzzle with a slight angle so that the crown isn't damaged when the cleaning rod is pulled back into the bore. With the 11° type crown the chances are greater that you could encounter damage from a cleaning rod.

I've used both type patches and while the Remay type appear to scrub the bore better I suspect that they do not get down into the corners of the grooves as well as a cotton patch.

I don't feel that the scrubbing quality of a patch is that important. That's what we use brushes for.

* * *

I have an XP-100 action on a bench rest rifle.

It is of 222 caliber and shoots well but it appears that the 6 1/2 Remington primers work better than the 7 1/2 primers.

With the 7 1/2 primers the rifle appears to shoot groups with more vertical dispersion than with the 6 1/2.

I suspect that your rifle is suffering from a weak firing pin fall either due to a weak main spring or possibly the cocking piece is being restricted in its travel.

If the bolt handle has been changed to the 700 type and not properly aligned the cocking piece may be "riding" on the bolt body which cushions the fall.

England Strikes Again

(Editors Note: Periodically we receive news of the fate of others as it relates to the anti-gun movement. England is certainly one of the worst with regard to thwarting the efforts of the honest citizen.

The following comments are included for information. Perhaps we can keep up the good fight and prevent such actions from becoming commonplace here.)

I write to you with the utmost concern. As you know, we of the shooting fraternity in this country undergo considerable frustration and calculated hindrance from the licensing authorities. What is not realized by all but a few is the even more insidious use of the law by the powers-that-be under the guise of "interpretation." I have fallen foul of just such a person.

This interpretor states (that a person can only own a firearm for deerstalking if that person owns land or belongs to a deerstalking club, or for competitive team shooting on authorized ranges). Benchrest shooting is not a competitive team shooting event. I let my signature bear witness to the fact that what I state is true.

I was asked to obtain a letter from the British NRA giving me permission to shoot benchrest on their ranges as I shoot there monthly. I am known to the range officers and my activities and conduct have been assessed. Therefore the letter was granted, upon its receipt by the Licensing Authority.

I was telephoned by a Mr. Gomez, who is the head of the department and he said, and I quote: "That the letter was asked for because I didn't think you could get it. I have telephoned Air Commodore Relf, Chairman-NRA, and told him — how does he expect me to keep cowboys off the ranges if he grants letters of authority to individuals?"

This was said in a conversation which included my name, albeit that I have the letter of authority now, but I believe that I have been set up for its renewal next time to be refused. Therefore, I need someone with whom to exchange competition cards.

I have shot for over 18 years with 12 years in my present club. My interests have matured into benchrest shooting. I currently shoot a .243 and 308 Winchester at long range but I hope to include a 7mm Remington Magnum and 6mm International. I would like to buy the 223 for my own interest as I have been basing my equipment on the considerations of Mr. Charles S. Landis, and have been further inspired by the work carried out by the late Col. Townsand Whelen.

I heard of your international club via the article by Neal Knox in the Speer Manual No. 9 and it came like a voice from out of a wilderness. Please send me a membership application form and information on any publications you may have on how to start a benchrest club.

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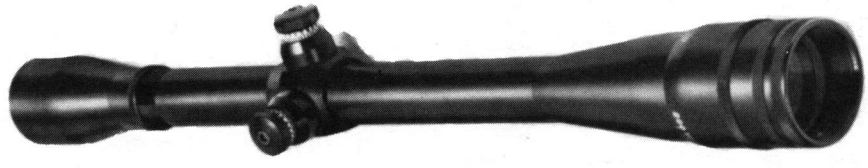

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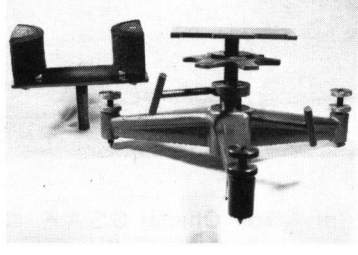
Hart Front Rest



This is the Front Rest used by top Bench Rest Shooters. Many National Championships won on this Rest. Has double rise, giving platform heights of 4" to 7 3/4" above bench. All legs have leveling screws with locsk. Cast iron base, each leg is 7 1/2" long, to give complete stability, total weight 13 lbs. Painted light green with brass nuts and knobs. Prices: Varmint Class: $55.95, Heavy Bench: $59.50, Combination: $65.50 f.o.b. our shop.

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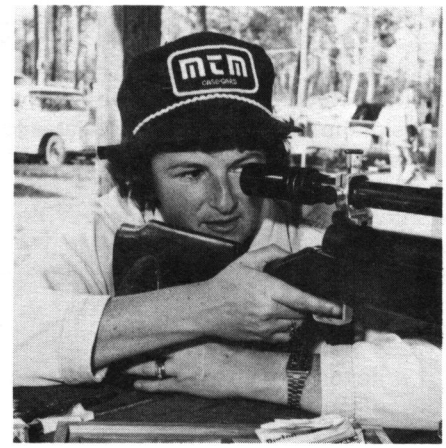
Benchrest Down Under —
The Australian Scene

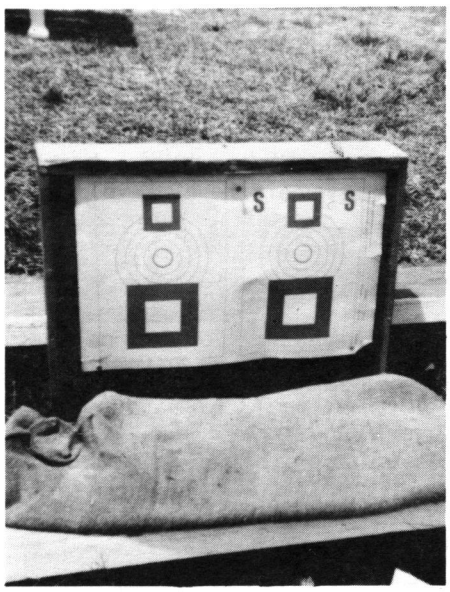


Ann Brummell
24 Septimus Avenue
Punchbowl. N.S.W.
Australia 2196

This month I would like to devote the column to the targets that prevail in Australian benchrest. Basically they fall into two clear-cut categories i.e. Score and Group. That is where the demarkation ends.

The Rule sheet clearly describes the design of the targets as:

Section 3 TARGETS.



1. (a) The Official S.S.A.A. 100 yard Benchrest Target for all registered tournaments in Experimental, Light and Heavy Varmint, Sporting and Rimfire classes, shall have a ten (10) ring of one half inch outside diameter, and a ring thickness of approximately .040; the nine (9) ring shall be one inch outside diameter and have a ring thickness of approximately .020; succeeding rings shall increase by one half inch in outside diameter to, and including, the six (6) ring.

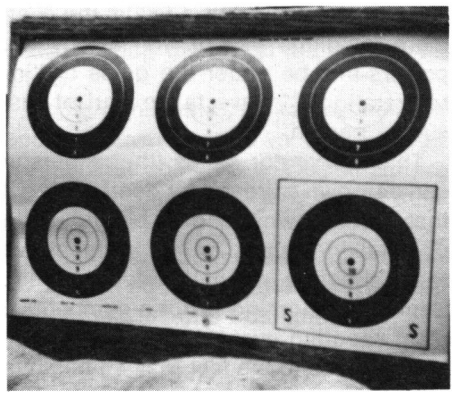
(b) An aiming mark one inch square and placed at 12 o'clock tangent to the eight (8) ring, shall have red borders (sides) one quarter of an inch thick, leaving within the red borders a white square of one half inch for the actual mark on which to aim.

(c) Another aiming mark two inches square and placed at 6 o'clock tangent to the eight (8) ring, shall have red borders one half inch thick, leaving within the red borders a white square of one inch thick as an aiming mark for low powered scopes.

(d) The target (i.e. rings and two aiming marks) shall be contained within a rectangle measuring three and one half inches wide by five and one quarter inches deep, or long; this rectangle to be formed by red border lines approx. .040 thick. There shall be no other marks, or printing within this rectangle, and it shall be the record or business target.

(e) There shall be another target on the same card, situated either beneath or to the right hand side of the record target and identical in every way except that it shall have an "S" in two corners of the rectangle, either the top or bottom corners; and it shall be the "sighter" target. It is essential that both targets (record and sighter) be printed on the same card.

2. (a) The Official S.S.A.A. 100 yard Hunter Rifle Benchrest Target for all registered tournaments in the Hunter Rifle, shall be a score target with six (6) "bulls" on it, one of the bulls shall be a sighter, and shall be enclosed within a square formed by a red border line approx. .040 thick and three and one half inches long, making a square 3 1/2 x 3 1/2.



(b) Each of the other five bulls, as well as the sighter, shall have five (5) values from 6 to 10. The 10 ring will be one half inch in diameter from outside to outside, and each succeeding ring shall increase in diameter by one half inch. The total diameter will be two and one half inches from outside to outside of the 6 ring.

(c) The 6 and 7 rings shall be red leaving a white circle enclosed within these red 6 and 7 rings for an aiming mark, with a diameter of one and one half inches composed of the 8, 9 and 10 rings. In the centre of the 10 ring there shall be an X ring, which shall be a red dot one sixteenth of an inch in diameter.

3. The two hundred yard targets, and targets used for other distances, shall be increased or decreased, in direct proportion to the distance fired at, with respect to their aiming marks, scoring rings and border lines.

In 1974 at the National Benchrest Committee meeting the targets came under close scrutiny as before that time black and white was the predominate target color scheme. A motion to change to exclusively red and white for registered tournaments was carried. At the same meeting target design was examined. All agreed that the six bulls on the score target were excellent, especially when a countback was required to achieve a result. The group target tends to be a cluttered affair with two aiming squares, as well as the rings. When it was suggested that the larger square should be dropped the older shooters and shooters with 20/20 vision protested that in mirage conditions the larger square was their only salvation; especially at 200 yards with the Sporter Class scope power of 12 magnifications. The two squares remain on the group targets.

Color schemes for targets also came in for study in 1974-75 and according to Naval Definition Charts red and white is far superior to black and white but orange background with vivid mauve markings was decidedly superior to all. A bit of work was done on this coloring but unfortunately the scheme never reached fruition. So until someone with extensive knowledge in this field emerges the idea will lie in limbo.

Standardization of color and paper quality has proved almost impossible as each state and/or branches bears the cost of its own targets. Consequently each one is looking to cut costs. When this occurs quality control really suffers. Ink colors are not controllable as there are reds and reds; and the target markings usually vary from blood red to maroon red. The color can be vastly affected by the age of the target and/or method and area used for storage.

With the world-wide paper shortage shooters virtually have to accept what they can get. This is a real and perennial problem. The quality used varies from English Triplex, that which is used in Queensland where bullet holes cut as clean as if a wad cutter was used, to paper resembling blotting paper that cuts holes like a blunt razor blade.

Max Coady, Australia's National Scorer, who we regard as tops in his field, gives a resounding "yes, please" to the deep red maroon and white on English Triplex as he vows and declares that bullet hole edges can be identified in next to no time under his Measuring Device, or with verniers. Shooters also plump for this target as the clean cut of the bullet hole leaves one in no doubt as to the strike whereas some other paper types tend to leave one staring at what resembles a blank sheet when sunlight shines directly on the face, or rear side, of the target.

In the long run I don't suppose it really matters a damn what targets are posted on the frames as benchresters will always try to save paper by putting the holes in one spot — or close together. Standardization is most likely a pipedream but it would be an ideal situation. On the other hand we can't have shooters and scorers living in a Utopian world, can we?

In closing, I would like to take this opportunity to thank all those wonderful people who have written to me about this column. I really appreciate their kind words. But please, fellas, help me with subjects as I'm beginning to scratch since it is you the reader who must be catered to. Please drop us a line with your wishes for future columns.

Until next time, good shooting and keep them all in one hole.

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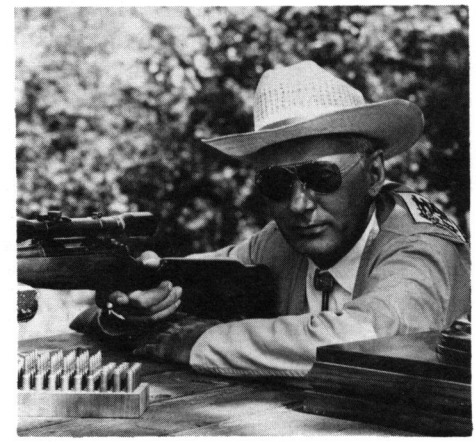
Technical Column



M.H. Walker
Technical Editor
R.D. 1, Warren Road
Mohawk, N.Y. 13407

7 X 57

I recently purchased two 7 x 57 rifles, a Ruger Model 77 and a BSA, which will not shoot a heavy bullet. The best that I can do with the 168 gr. Sierra HPBT is about 4 1/2" at 100 yards. They both shoot the 154 and 145 gr. bullets fairly well. I can get around 1 3/4" with them. I have not shot any lighter bullets in them yet.

Is it common for 7 x 57 to do poorly with heavy bullets? Do you think the rifles might shoot better if I had them made into 280 Remingtons?

Mr. R. W. Schumacher
Box 142
Kodiak, Alaska

Heavy bullets in the 7 x 57 are sometimes difficult to make shoot accurately. Have you tried the Hornady 162 HPBT? These long bullets must usually be fired at maximum velocities in the 10" 7 x 57. However, my 10 1/4" 7mm on the 6mm case does very well at 100 yds. at velocities around 2200. This is with 28-29 grains of RL-7 and the 162 HPBT Hornady.

M. H. W.

A NOTE FROM A FINE OLD-TIMER

I note a reference in your column in P.S. to the problem of case splitting when fire forming wildcat cases. I ran into this problem trying to fireform 30-30 cases to Ackley's version of the 6mm 30-30. I lost 100%. Anealing the brass to just back of the shoulder solved the problem with 100% success.

To insure uniformity of aneal I made a fairly deep pan from the bottom of a one gallon tin can. In the center is soldered a post whose center (base) has been drilled to fit the centering pin of a discarded victrola. The top of the post is recessed to accept the case head. The dimensions are such that when the case is placed in the recess the pan will hold water to a point just below the case shoulder. Heat to show a minimum of color. Tipping into the pan prevents annealing the body of the case.

I am sure that this is not an original idea but have never heard of it. I have shot these cases at least three or four times without problems. My question, are there problems I have not encountered?

W. J. Purcell
R.D. Box 21A
Howes Cave, N.Y. 12092

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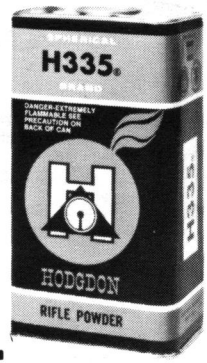

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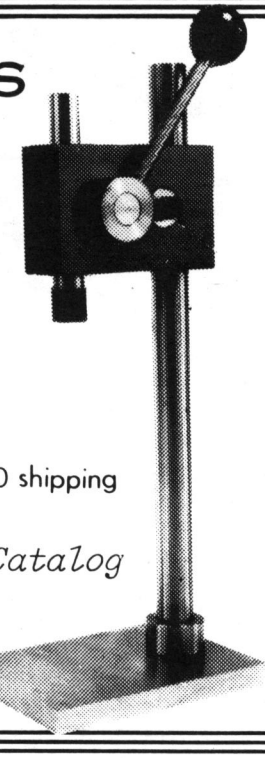

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FORT WORTH, TEX. 76109

The NRA Percent

What It's All About
by George Miller
Conetrol Scope Mounts
Hwy. 123 South
Seguin, Texas 78155

Mindful of the tremendously important role NRA members are playing in preserving the shooting sports so dear to all of us, Conetrol has adopted the policy of allowing an automatic 1% discount on every sale made to a member of The National Rifle Association. We also urge our dealers and jobbers who qualify for the discount to pass it on to their NRA-member customers. We urge NRA members to ask about it whenever and wherever they purchase a Conetrol product.

We urge our fellow manufacturers to introduce 'The NRA Percent' to their own outlets.

We urge you, Mr. dealer or wholesaler, to give The NRA Percent even if some of your suppliers do not . . . even, indeed, if you're not an NRA member and thus don't qualify for it yourself. It's something you can afford: it's simple to figure; and you are still able to engage in the business of selling hunting and shooting goods because of the great influence on legislators of those NRA members who frequent your establishment. Let them know you appreciate them! Make sure they get that 1% every time they buy something from you, and make sure your other customers know it.

Let us all work toward the day when a customer in any sporting goods store in our country can expect to face an inevitable question at the close of every transaction involving a hunting or shooting product: "Are you a member of The National Rife Association?"

The power of The National Rifle Association to protect the rights of law-abiding gun owners is correlative with the size of its membership. The NRA Percent is a concept that can effect a dramatic increase in that membership. Let's put its influence to work to get **all** hunters and shooters into NRA ranks.

You, Mr. rank-and-file NRA member, can do more than anybody else to ensure the success of the movement. Make the idea a recurring topic of discussion with fellow members and in your gun club. Every time you buy a hunting or shooting product ask the dealer whether he gives The NRA Percent. If he doesn't know what you're talking about, educate him. Tell him if he'll adopt the program as store policy you'll see that the news gets around to other NRA members in the community. Suggest that if he is an NRA member he may be eligible for The NRA Percent himself from some of his suppliers and should ask about it.

Do your part to keep the movement alive and spreading. We'll do ours!

IBS REGISTERED HUNTER RIFLE MATCH
IZAAK WALTON LEAGUE, York, Pa. May 15, 1977

Name	Score	Cal.	Rifle	Scope	Bullet	Load	Primer	Case
1. V. Pastorella*	248-10	308	Rem.	Lyman	168 gr.	41 gr.	Fed.	Fed.
Milnesville, Pa.			Hart	6X	Sierra	4895		
2. P. Thompson*	247-10	308	Rem.	Weaver	168 gr.	40 gr.	Fed.	Govt.
Dauphin, Pa.			Hart	4-12	Sierra	4064		
3. G. Green	246-6	308	Rem.	Pecar	168 gr.	38 gr.	Alcan	Norma
Forksville, Pa.			Hart	6X	Sierra	4064		
4. L. Bruno	244-10	308	Rem.	Lyman	168 gr.	48 gr.	Rem.	Fed.
Kelayres, Pa.			Rem.	6X	Sierra	760		
5. K. Miller	244-7	308	Rem.	Weaver	168 gr.	42 gr.	Fed.	Win.
Jacobus, Pa.			Hart	6X	Sierra	4895		
6. W. Wagman	242-5	308	Rem.	Lyman	168 gr.	37 gr.	Win.	Win.
Dallastown, Pa.			Rem.	6X	Sierra	3031		
7. L. Ressler	240-7	308	Rem.	Lyman	168 gr.	42 gr.	Fed.	Fed.
York, Pa.			Hart	6X	Sierra	748		
8. C. Driscoll	240-7	308	Rem.	Lyman	168 gr.	38 gr.	Rem.	Win.
Forksville, Pa.			Dgls	6X	Sierra	4064		
9. R. Parry	240-6	308	Rem.	Lyman	168 gr.	39 1/2 gr.	Rem.	Win.
Forksville, Pa.			Shln.	6X	Sierra	3031		
10. R. Gower	239-6	308	Rem.	Lyman	168 gr.	39.5 gr.	Fed.	Fed.
Slatington, Pa.			Hart	6X	Sierra	4895		
11. J. Loucks	239-4	308	Win.	Bushnl	168 gr.	46 gr.	Rem.	Win.
Red Lion, Pa.			Win.	6X	Sierra	4831		
12. R. Drexler	238-6	308	Rem.	Weaver	168 gr.	41 gr.	Rem.	Win.
Churchville, Pa.			Hart	V-9	Sierra	748		
13. C. Eckrote	238-6	308	Rem.	Lyman	168 gr.	40 gr.	Fed.	Fed.
Drums, Pa.			Hart	6X	Sierra	748		
14. J. Cowey	233-3	6x47	Rem.	Weaver	70 gr.	29 gr.	CCI	Herters
York, Pa.			Shln.	6X	Sierra	748		
15. E. Gates	227-4	308	Rem.	Weaver	168 gr.	42 gr.	Fed.	Win.
Harrisburg, Pa.			Hart	V-12	Sierra	4895		
HUNTER								
1. R. Linn*	245-10	308	Rem.	Lyman	168 gr.	38 gr.	CCI	Fed.
York, Pa.			Hart	6X	Sierra	3031		
2. Agnes Sabo*			Rem.	Leupold.	85 gr.	33 gr.	Fed.	Rem.
Hazleton, Pa.	241-2	243	Rem.	3x9	Sierra	4895		
3. D. Weich	240-6	308	Rem.	Lyman	168 gr.	41 gr.	CCI	Fed.
Lock Haven, Pa.			Rem.	6X	Sierra	4064		
4. W. Gebhardt	234-7	308	Rem.	Lyman	168 gr.	41 gr.	CCI	Fed.
Lock Haven, Pa.			Rem.	6X	Sierra	4064		
5. R. Stiffler	229-1	6/250	Rem.	Weaver	80 gr.	32.2 gr.	CCI	Win.
Shrewsbury, Pa.			Hart	6X	Rem.	4064		
6. J. L. Grim	217-1	308	Rem.	Weaver	168 gr.	39 gr.	Rem.	Govt.
York, Pa.			Hart	6X	Sierra	3031		

UNREGISTERED VARMINT SHOOT (HUNTER TARGETS)

1. G. Green 238-4
2. P. Thompson 237-5
3. B. Druck 218-2
4. L. Ressler ..... —

We had a very nice sunny day. Warm but not hot, with a heavy breeze blowing in from down range. Some mirage but not really heavy. Vince Pastorella was in rare form and won the match with a one point margin over Paul Thompson. Some real nice scores were turned in. Thanks to all who attended.

R. A. Linn, Secretary

*Awarded prize money

CAMILLUS SPORTSMEN'S CLUB
Camillus, New York
Unregistered Shoot Report

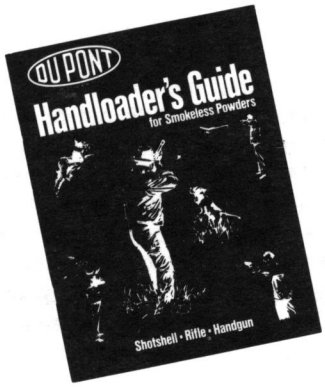
Listed below are the results of our winter matches. Best five (5) of eight matches in order of finish.

1. Al Gonnella, Sr. ..... .536
2. Al Gonnella, Jr. ..... .561
3. Bob Lammana ..... .570
4. George Getty ..... .579
5. Al Kornutiak ..... .580
6. Art Wrieden ..... .610
7. Ernie Groves ..... .649
8. Hank Gonnella, Sr. ..... .662
9. Clyde Hart ..... .685
10. Bruce McLaughan ..... .694
11. Chris Gonnella ..... .707
12. Tony Varengo ..... .789
13. Doug Holmes ..... .850
14. Mike King 1.189

Camillus Sportsmen's Club wishes to thank all the shooters who braved all our snow, wind, cold and rain. All 72 of you.

Henry L. Gonnella, Sr.
Director

Think of this as your "recipe book" written in a ballistics lab.



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UNREGISTERED SHOOT REPORTS
ENGLISHTOWN BENCHREST SHOOTERS ASSOC.
ENGLISHTOWN, N.J. MARCH 11, 1977

100 YARDS — MASTER CLASS

Place and Name	WU	1	2	3	4	5	Score
1. Mike Klieman	50-1	49-2	49-3	49-1	49-2	49-2	245-10
2. Mike Toth, Jr.	47-2	48-2	48-2	50-2	49-1	50	245-7
3. Lee Paulison	49	47	49-1	48-1	50-2	49	243-4
4. Victor Trippodi	47	48-2	48-1	48-1	49-2	49-3	242-9
5. Milan Skodacek	50	46	48	49-1	48-1	50-4	241-6
6. John Gustavsen	36	48	46	49-1	48	49	240-1
7. Jim Domin	49-2	48-2	49	45	49-1	47-1	239-3
8. Geza Nagy	45	47	47	47-1	50-1	48	239-2
9. Lester Bruno	46-1	48	49-1	49-3	46-1	46	238-5
10. Ron Whitaker	47-2	47	46-1	48-2	48-2	48	237-5
11. Willie Sahler	47-1	46	47-1	48-2	47-2	47	235-5
12. Fred Hass	46	47	46	46-1	48	47-1	234-2
13. Ted Witkowski	46	44	47-2	48-1	41	47	227-3

HUNTER CLASS

1. Ed Welch	49-1	50-4	50-2	48-1	50-2	50-2	248-11
2. Mike Toth, Sr.	49	49-2	47-1	49-3	50-1	47-1	242-8
3. Tony Hidalgo	45-1	43-1	46	38	46	50-1	223-2
4. Edna Hass	34	46-2	43	41	43	46-2	219-5

MARKSMAN CLASS

1. Billy Gaddy	38	42-1	42	43	45	46-1	218-2

WINNING EQUIPMENT

Mike Kleiman used a .308 with a shilen barrel, 700 action and smithed and stocked by Walt Pereira. He had Federal cases and primers stuffed with 47.6 grains of 760 and 168 grain Sierra bullets.

HEAVY VARMINT CLASS
MARCH 26, 1977

100 YARDS

Place and Name	WU	1	2	3	4	5	Score
1. Geza Nagy	.380	.278	.318	.146	.382	.352	.2952
2. Joe Nagy	.585	.229	.285	.490	.338	.302	.3288
3. Bob White	.440	.323	.262	.286	.522	.370	.3526
4. Ron Rosen	.548	.545	.369	.453	.265	.142	.3548
5. Ron Brothers	.766	.429	.275	.560	.180	.425	.3738
6. C. Mossakowski	.307	.560	.247	.356	.325	.496	.3968
7. John Yanosey	.542	.488	.290	.316	.480	.421	.3990
8. Ted Witkowski	.820	.365	.315	.481	.323	.538	.4044
9. Bob Leamy	.433	.430	.360	.428	.427	.386	.4062
10. Dan Platukis	.574	.248	.362	.678	.375	.377	.4080
11. Jerry Smith	.540	.296	.353	.363	.457	.782	.4502
12. Bill Bieber		.392	.378	.480	.537	.559	.4692
13. Bill Kolb	.523	.430	.305	.590	.736	.458	.5038
14. Lester Bruno	.848	.608	.576	.520	.490	.399	.5186
15. Charlie Dzugan	.478	.386	.526	.976	.552	.378	.5636
16. Ed Larsen	.654	.788	.517	.500	.576	.700	.6142
17. Vince Gagliostro	.509	.542	.478	.989	.646	.955	.7220
18. Lee Paulison	.600	.746	1.420	.743	.589	.674	.8344
19. Bob Sahler	1.608	1.043	.807	5.68	1.376	.800	.9188
20. Tony Hidalgo	1.184	1.014	.848	1.147	1.102	.864	.9950
21. Dom Gagliostro	.720	1.067	.849	2.506	1.180	.830	1.286
22. John Trela			.657	.950	.425	.726	

WINNING EQUIPMENT

Geza Nagy won with a red hot .308 with a sleeved 600 action and a Hart barrel. Smithed by Walt Pereira and stocked by Geza himself.

He found 39.6 grains of reloader 11, 168 Sierra's, along with Federal cases and primers the combination that could not be beat.

Brother Joe Nagy used a 1A Hart Rifle chambered for the 6mm PPC and it sang a pretty tune. His favorite fodder is 23.5 grains of 4198 along with Detsch bullets.

Bob White also went the PPC route, but his is a .222 PPC with a Atkinson barrel and an old Shilen action. Bob did his own smithing and stock work, plus using his own 53 grain bullets with 28 grains of 748.

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INTERNATIONAL BENCHREST SHOOTERS
APPROVED RIFLE MATCH
REGISTERED SHOOT REPORT
ENGLISHTOWN, N.J.
MAY 7, 1977

100 YARDS **HEAVY VARMINT CLASS**

No.	Competitor	Ben.	Match W	Match 1	Match 2	Match 3	Match 4	Match 5	Range Score
.222	Ed Knoblock	117	.370	.311	.362	.189	.350	.419	.3266
.308	Geza Nagy	116	.408	.293	.372	.357	.287	.328	.3274
.222	Charlie Dzugan	210	.748	.339	.623	.449	.229	.314	.3908
.6MM	Jerry Smith	213	.518	.426	.531	.213	.423	.423	
.222	C. Mossakowski	105	.770	.695	.415	.413	.341	.290	.4308
.6MM	Robert McIntire	118	.952	.343	.407	.293	.596	.544	.4366
.6MM	Bob Sahler	119	.454	.558	.396	.525	.286	.489	.4508
.6MM	Milan Skodacek	112	.426	.338	.454	.653	.288	.563	.4592
.222	Johanna Gordon	203		.712	.552	.398	.183	.469	.4628
.6MM	Ron Brothers	212		.716	.378	.200	.595	.518	.4814
.6MM	Joe Nagy	107	.635	.803	.226	.436	.468	.587	.4840
.308	John Trela	211	.347	.806	.612	.419	.454	.166	.4914
.222	Ted Witkowski	106	.547	.426	.485	.498	.616	.467	.4984
	Dan Platukis	214	.460	.420	.718	.427	.205	.725	.4990
.222	Phil Spages	205		.530	.614	.451	.509	.420	.5048
.222	Andrew Machalik	202		.812	.404	.336	.569	.408	.5058
.222	Ed Larsen	122	1.125	.659	.536	.428	.417	.490	.5060
.222	Charles Arnold	104	.568	.216	.685	.567	.302	.778	.5096
.222	Howard Meadow	208	.537	.335	.908	.368	.422	.547	.5160
.222	Dave Allen, Jr.	114	.502	.451	.525	.523	.531	.607	.5274
.6MM	Tony Hidalgo Sr.	219	.659	.495	.459	.570	.650	.489	.5326
.222	Bob White	216	.759	.521	.556	.513	.503	.578	.5342
.222	Gary J. Isgro	113	.561	.560	.233	1.094	.388	.406	.5374
.222	David Palmisano	204		.814	.558	.509	.633	.227	.5482
.222	Walter Pereira	217	.615	.570	.866	.660	.403	.321	.5640
.222	David Keene	103	.450	.544	.523	.594	.615	.567	.5686
.6MM	John Yanosey	108	.475	.341	.531	.633	.671	.678	.5708
.308	Elmer Miller	110	.573	.584	.692	.609	.434	.582	.5802
.6MM	Frank Obrochta	201		.897	.427	.408	.345	.919	.5992
.6MM	Jim Novak	215	.600	.662	.789	.384	.331	.925	.6182
.222	Ed Welch	115	.862	.477	.425	.725	.890	.594	.6222
.308	J.B. Hale	206	.408	.615	.597	.714	.395	.810	.6262
.6MM	D. Gagliostro	120	.640	.720	.640	.512	.444	.863	.6370
.222	Ron Rosen	109	.478	.543	.746	.445	1.181	.383	.6596
.222	Billy Gaddy	121	.884	.512	.752	.928	.681	.440	.6626
.222	Skip Gordon	207	.413	.729	.747	1.150	.418	.501	.7090
.222	Willie Sahler	220	.533	1.184	.864	.526	.510	.545	.7258
.6MM	V. Gagliostro	209	.750	.731	.691	.897	.811	.547	.7354
.6MM	Bob Leamy	111	.502	.816	.810	.918	1.087	.400	.8062
	Keith White	102	.338	1.513	.799	.346	.806	.663	.8254
.222	John Schmenkel	218		.694	1.786	1.022	1.859	1.866	1.4454

WINNING EQUIPMENT AND LOADS USED

HEAVY VARMINT

Name	Cal.	Rifle	Smith	Stock	Scope	Bullet	Load	Primer	Case
Ed Knoblock	222	700 slv McMil.	McMil.	Hart	Redfd. 24X	52 gr. Sierra	21.0 4198	Rm.7 1/2	Rem.
Geza Nagy	308	600 slv Hart	Pereira	Self	Ly/Si. 30X	168 gr. Sierra	39.6 RL 11	Fed. 210M	Fed.
Charlie Dzugan	222	700 slv Hart	Pereira	White	Redfd. 20X	52 Rem.	21.7 RL 7	Fed. 205	Rem.
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Ted Witkowski	22				Lyman 20X	52 gr. Rem.	23.5 4895	CCI	Rem.
Charles Arnold	222				Ly/Si. 24X	52 gr. Rem.	20.5 4198	Fed. 205	Rem.
Howard Meadows	222				Leup. 24X	52 Rem.	24.5 4895	Fed. 205	Win.

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CORRECTION

In the report for the 1976 International Postal Match we reported that John Trela was using 42 gr. of ReLoader 7 in a 308 Winchester. This was reported as typed and we assumed the match report to be factual. As we found out it was not.

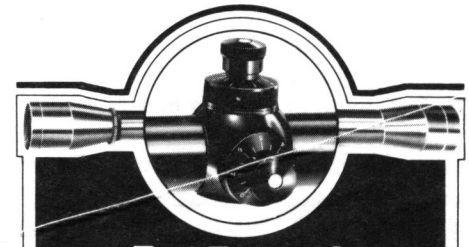
A reader wrote to us and stated that he had tried the listed load, well almost that load, and locked up the action of his rifle. He was naturally quite unhappy and promptly got in touch with us about it.

His concern was that no others try this combination. He had been cautious enough to start below the stated load and quit when he ran into excessive pressures. This is simply good reloading technique and is living proof that it is of value.

To get to the bottom of this we wrote to John Trella. He replied that he was using 40 gr. of ReLoader 11 instead of the listed load of 7.

In addition, John shoots a variation of the 308 in which the case body has less taper. The increased capacity reduces pressure somewhat.

We wish to call this to your attention so that no similar situations appear.



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DUNHAM'S BAY FISH AND GAME CLUB
Ft. Ann, N.Y.
Unregistered Shoot Report
May 1, 1977

Allie Euber held on to his slim lead over Myles Hollister to win the Winter League championship at Dunham's Bay. Strong gusty winds led to many large aggregates, and only a few of the thirty six shooters were able to improve their positions.

The most outstanding score was posted by Walt Hodges, who won his first match with a .2782, which would have won many matches on a good day. Bob Reid had a .173 small group, which was by far the biggest small group of the season.

The results of the last match were:

Walt Hodges	.2782
Bob Reid	.2952
Tom Boise	.3400
John Hollister	.3478
Allie Euber	.3506
Dave Hollister	.3630
Lee Euber	.3658
Gordon Euber	.3692
Fran Williams	.3952
Glenn Morrison	.3970

In Hunter class, Ted Felton held on to his lead over Seely Masker and Ira Farnsworth to win the championship with a grand aggregate of 1233-43X.

Results of this weeks match were:

Ernie Wilson	245-4X
Ted Felton	242-7X
Seely Masker	242-4X
Ira Farnsworth	239-4X
Bob Reid	238-2X

Charles Fountaine,
Reporter

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MUNCY PENNSYLVANIA — MAY 1, 1977

Master Class	Score	Cal.	Rifle	Scope	Bullet	Load	Case	Primer
1. Vince Pastorella Milnesville, Pa.	248-9x	308	Rem. Hart	Lyman	Sierra 168	41 gr. 4895	Fed.	Fed.
2. Gary Long Millville, Pa.	248-6x	308	Rem. Hart	Lyman	Sierra 168	39.5 gr. 4064	Gov.	Fed.
3. Michael Williams Morris, Pa.	244-10	308	Rem. Hart	Lyman	Sierra 168	39 gr. 4064	Fed. 9 1/2	Rem.
4. Guy Green Hughesville, Pa.	244-10x	308	Rem. Douglas	Pecar	Sierra 168	41 gr. 748	Gov.	Alcan
5. Bernard Williams Morris, Pa.	244-8x	308	Rem. Hart	Leupold	Sierra 168	39 gr. 4064		
6. Paul Olewine Dauphin, Pa.	244-7x	308	Rem. Hart	Leupold	Sierra 168	41 gr. 4895	Gov.	Fed. 210
7. Gary Bitler Muncy, Pa.	243-5x	308	Rem.	Leupold	Sierra 168	37.5 gr. 4064	Norma	
8. Paul Thompson Dauphin, Pa.	243-5x	308	Rem. Hart	Weaver	Sierra 168	40 gr. 4064	Gov.	Fed.
9. Russell Parry Forksville, Pa.	242-8x	308	Rem. Shilen	Lyman	Sierra 168	39.5 gr. 3031	Win.	Rem.
10. Marion Neuhard Bloomsburg, Pa.	242-7x	308	Rem. Douglas	Lyman	Sierra 168	39 gr. 4064	Fed.	Fed.
11. Roger Gower Slatington, Pa.	242-7x	308	Rem. Hart	Lyman	Sierra 168	39.5 gr. 4895	Fed.	Fed.
12. Helen Long Millville, Pa.	241-4x	308	Rem. Hart	Lyman	Sierra 168	39.5 gr. 4064	Gov.	Fed.
13. Gerald Voorhees Slatington, Pa.	240-6x	308	Rem.	Lyman	Sierra 168	39 gr. 4064	Fed.	Rem.
14. Randy Fritz Bloomsburg, Pa.	238-6x	308	Rem. Hart	Lyman	Sierra 168	41 gr. 4064	L.C.	Fed. 210
15. Thomas Neuhard Bloomsburg, Pa.	237-6x	308	Rem. Hart	Lyman	Sierra 168	39 gr. 4064	Gov.	Fed.
16. Conrad Eckrote Drums, Pa.	236-7x	308	Rem. Hart	Lyman	Sierra 168	41 gr. 748	Fed.	Fed. 210
17. Randall Fritz Bloomsburg, Pa.	236-3x	308	Rem. Hart	Lyman	Sierra 168	37 gr. 4064	Fed.	Fed.
18. James Loucks Red Lion, Pa.	235-5x	308	Win.	Bushnell	Sierra 168	46 gr. 4831	Win.	Rem.
19. Don Weich Lock Haven, Pa.	234-5x	308	Rem. Long	Lyman	Sierra 168	41 gr. 4064	Fed.	CCI
20. Luther Loucks York, Pa.	232	308	Rem.	Rdfld.	Sierra 168	41 gr. 4895	Win.	
21. Bill Theis S. Williamsport	228-2x	6x47	Rem.700 Hart	PSL	Detsch 70	29 gr. 748	Rem.	
HUNTER CLASS								
1. Paul Lloyd Blossburg, Pa.	242-3x	308	Rem. Hart	Lyman	Sierra 168	45.5 gr. H-380	Fed.	Fed.
2. Carl Lynn*** Williamsport, Pa.	239-4x	6x47 700	Rem.	6 PSL	Detsch 70	29 gr. 748	Rem.	200
3. Bill Gebhardt Lock Haven, Pa.	239-2x	308	Rem.700 Long	6 PSL	Sierra 168	41 gr. 4064	Fed.	CCI
4. Clyde Singley Bloomsburg, Pa.	237-5x	308	Rem.700 Hart	Lyman	Sierra 168	39 gr. 4064	Fed.	Fed.
5. Agnes Sabo Hazleton, Pa.	230-3x	243	Rem.	Leupold	Sierra 85	4885 33 gr.	Rem.	Fed.
MARKSMAN CLASS								
1. Anthony Williams Morris, Pa.	218-2x	22	Rem. Hart	Leupold	Rem. 52	4895 26 gr.	Rem.	Rem.

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John E. Pfleegor,
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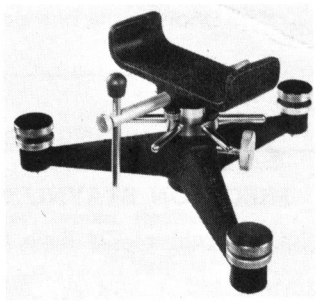

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MID-CAROLINA RIFLE CLUB
COLUMBIA, S.C.
Unregistered Shoot Report

Eight Hunter Class and twelve Heavy Varmint shooters turned out for the club match held Sunday May 1, 1977. It was noted by all shooters that high temperatures and white sand produces more than enough mirage to test a person.

Reigning Hunter Class champ, Billy Wimberly, did it again as his 233-2X was good enough to win. Lewis Waites was second with a 228-1X and new shooter, Ron Greene, was third with a 223-2X. Club President, James Karrenbrock, fired a 201-1X to establish his all-time high score, proving that miracles do happen.

Ron "Bullwinke" Mattson fired a .2894 to take first in the Heavy Varmint match. New shooter, John Hancock was second with a very good .3338. Finishing a poor third was Fletcher Williams with a .3718. The days small group was posted by Dr. E. G. Bumgardner, Jr. in the third record match. It was a .182.

HUNTER CLASS RESULTS:

Shooter	Score
1. Billy Wimberly	233-2X
2. Lewis Waites	228-1X
3. Ron Greene	223-2X
4. Tom Erwin	218-1X
5. James Karrenbrock	201-1X
6. Jim Hancock	183-0X
7. Dave Urbston	181-0X
8. Dave Miller	89-1X

HEAVY VARMINT RESULTS:

Shooter	Agg.
1. Ron Mattson	.2894
2. John Hancock	.3338
3. Fletcher Williams	.3718
4. Harold Morgan	.3994
5. E.G. Bumgardner	.4472
6. Dave Miller	.4758
7. Mike Gilchrist	.4972
8. David Morgan	.5280
9. Mike Lucas	.5846
10. Dave Urbston	.6240
11. Jim Hancock	.7948
12. Jerry Shelton	.DNF

INDIVIDUAL MATCH RESULTS:

Match Shooter	Group
W.U. Mike Lucas	.199
1. Ron Mattson	.261
2. Ron Mattson	.244
3. E.G. Bumgardner	.182
4. E.G. Bumgardner	.270
5. Ron Mattson	.236

Fletcher Williams,
IBS Director

IBS REGISTERED HUNTER RIFLE MATCH
Saginaw Field and Stream Club
Saginaw, Mi.
May 8, 1977

Marksman Name	Score	Ctg.	Rifle	Scope
1. R. Barth* Midland, Mi.	213-0x	6mm Rem.	Rem. 700 Varm.	Redfield 6-18
2. R. Taylor Parma, Mi.	200-2x	270 Win.	Win. 70	Weaver 6X
3. R. Dodge Saginaw, Mi.	197-0x	222 Rem.	Rem. 722	Lyman 6xSL
4. J. Gracia Midland, Mi.	156-1x	6mm Rem.	Rem. 700 Varm.	Bushnell 2-8
5. G. Dodge Saginaw, Mi.	146-0x	7x57	Mauser	Banner 4X
UNREGISTERED HV				
1. T. Schopp Saginaw, Mi.	236-3x	308	Rem. 700/ Hart	Lyman 6XP
2. R. Polensky** Owosso, Mi.	DNF	6x47	Rem. 40X/ Sherer	Leupold 24X

*Won Warm-Up Match with 43-1X.
**Won Warm-Up Match with .857.

Weather conditions left a great deal to be desired, with winds gusting to over 50 m.p.h. and drifting sand creating near zero visibility at time. Thanks to all.

T. Schopp, Reporter

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